CLAIMS:

1. An information processing system, comprising:

a processor operable to carry out predetermined information processing;

a signal producing unit operable to produce an execution enabling signal for causing said processor to carry out said predetermined information processing; and

a load determination unit operable to determine an execution load associated with said predetermined information processing;

said processor being operable to begin execution of said predetermined information processing in response to receipt of said execution enabling signal and to produce an execution termination signal upon completion of said predetermined information processing, said execution termination signal representing said completion of said predetermined information processing;

said load determination unit being operable to begin determination of said execution load in response to receipt of said execution enabling signal and to terminate said determination of said execution load in response to receipt of said execution termination signal.

2. An information processing system as claimed in claim 1, further comprising a presentation unit operable to provide to a user a real-time presentation of a measurement of said execution load determined by said load determination unit.

3. An information processing system as claimed in claim 1, wherein said load determination unit clears a previous measurement of said execution load already determined in response to said receipt of said execution enabling signal and begins determination of a new measurement.

4. An information processing system as claimed in claim 1, wherein said processor operates in response to clock signals, and wherein said load determination unit determines said execution load by counting a number of said clock signals from a beginning to an end of said predetermined information

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processing.

5. An information processing system as claimed in claim 1, wherein said load determination unit includes a presentation unit operable to provide a presentation of a measurement of said execution load which varies in form in real time depending on said measurement of said execution load.

6. An information processing system as claimed in claim 5, wherein said presentation unit includes a plurality of light-emitting components, said presentation unit varying a number of said light-emitting components which are lit depending on said measurement of said execution load.

7. An information processing system as claimed in claim 5, wherein said presentation unit includes a light-emitting component capable of emitting light beams of different colors, said presentation unit varying the color of said light beams depending on said measurement of said execution load.

8. An information processing system, comprising:

a processor operable to execute information processing having two or more steps, said information processing being carried out one step after another step in a successive manner;

a signal producing unit operable to produce an execution enabling signal at a predetermined cycle for causing said processor to execute said information processing; and

a load determination unit operable to determine an execution load associated with said information processing for each of said steps;

said processor being operable to begin execution of said information processing for one step each time said processor receives said execution enabling signal, and being operable to produce an execution termination signal upon completion of said information processing for said one step, said execution termination signal representing said completion of said information processing for said one step;

said load determination unit being operable to begin determination of

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said execution load in response to receipt of said execution enabling signal and to terminate said determination in response to receipt of said execution termination signal

9. An information processing system as claimed in claim 8, further comprising a presentation unit operable to provide a real-time presentation of a measurement of said execution load determined by said load determination unit.

10. An information processing system as claimed in claim 8, wherein said load determination unit clears a previous measurement of said execution load already determined in response to said receipt of said execution enabling signal and begins determination of a new measurement.

11. An information processing system, comprising:

a processor operable to carry out predetermined information processing;

a signal producing unit operable to produce an execution enabling signal for causing said processor to carry out said predetermined information processing; and

a load determination unit operable to determine an execution load associated with said predetermined information processing;

said processor being operable to supply a first enable signal and a second enable signal selectively to said load determination unit in response to receipt of said execution enabling signal, said first enable signal enabling execution of said predetermined information processing and representing an active state of execution when said predetermined information processing is being carried out, said second enable signal representing an inactive state of execution when said predetermined information processing is not being carried out;

said load determination unit being operable to begin determination of said execution load when said load determination unit receives said first enable signal and to terminate said determination when said load determination unit receives said second enable signal.

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12. An information processing system as claimed in claim 11, wherein said load determination unit produces a value representing said execution load when said first enable signal is changed to said second enable signal.

13. An information processing system as claimed in claim 11, wherein said load determination unit clears a previous measurement of said execution load already determined and begins said determination when said second enable signal is changed to said first enable signal.

14. An integrated information processing system, comprising:

a plurality of information processing systems; and

a presentation unit;

each of said information processing systems including:

a processor operable to carry out predetermined information processing;

a signal producing unit operable to produce an execution enabling signal for causing said processor to carry out said predetermined information processing;

a load determination unit operable to determine an execution load associated with said predetermined information processing;

said processor being operable to begin execution of said predetermined information processing in response to receipt of said execution enabling signal and to produce an execution termination signal upon completion of said predetermined information processing, said execution termination signal representing said completion of said predetermined information processing;

said load determination unit being operable to begin determination of said execution load in response to receipt of said execution enabling signal and to terminate said determination of said execution load in response to receipt of said execution termination signal; and

said presentation unit being operable to provide to a user a real-time presentation of a measurement of said execution load in each of said

information processing systems.

15. An integrated information processing system as claimed in claim 14, wherein said plurality of information processing systems are housed in a housing, said presentation unit being arranged on a front surface of said housing in a corresponding relationship with said processor of each of said information processing systems.

16. A method for determining an execution load associated with predetermined information processing, comprising:

producing an execution enabling signal for carrying out the predetermined information processing;

beginning the predetermined information processing in response to receipt of the execution enabling signal;

beginning determination of the execution load in response to receipt of the execution enabling signal;

producing an execution termination signal upon completion of the predetermined information processing, the execution termination signal representing the completion of the predetermined information processing; and

terminating the determination of the execution load in response to receipt of the execution termination signal.

17. A method for determining an execution load associated with information processing having two or more steps, the information processing being carried out one step after another step in a successive manner, comprising:

producing an execution enabling signal at a predetermined cycle for causing the information processing to be carried out step by step;

beginning execution of the information processing for one step each time the execution enabling signal is received;

producing an execution termination signal upon completion of the information processing, the execution termination signal representing the completion of the information processing;

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beginning determination of the execution load each time the execution enabling signal is received; and

terminating the determination in response to receipt of the execution termination signal.

18. A computer-readable recording medium recorded with a program for determining an execution load associated with predetermined information processing, said computer program comprising:

producing an execution enabling signal for carrying out the predetermined information processing;

beginning the predetermined information processing in response to receipt of the execution enabling signal;

beginning determination of the execution load in response to receipt of the execution enabling signal;

producing an execution termination signal upon completion of the predetermined information processing, the execution termination signal representing the completion of the predetermined information processing; and

terminating the determination of the execution load in response to receipt of the execution termination signal.

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